



Supplementary Information

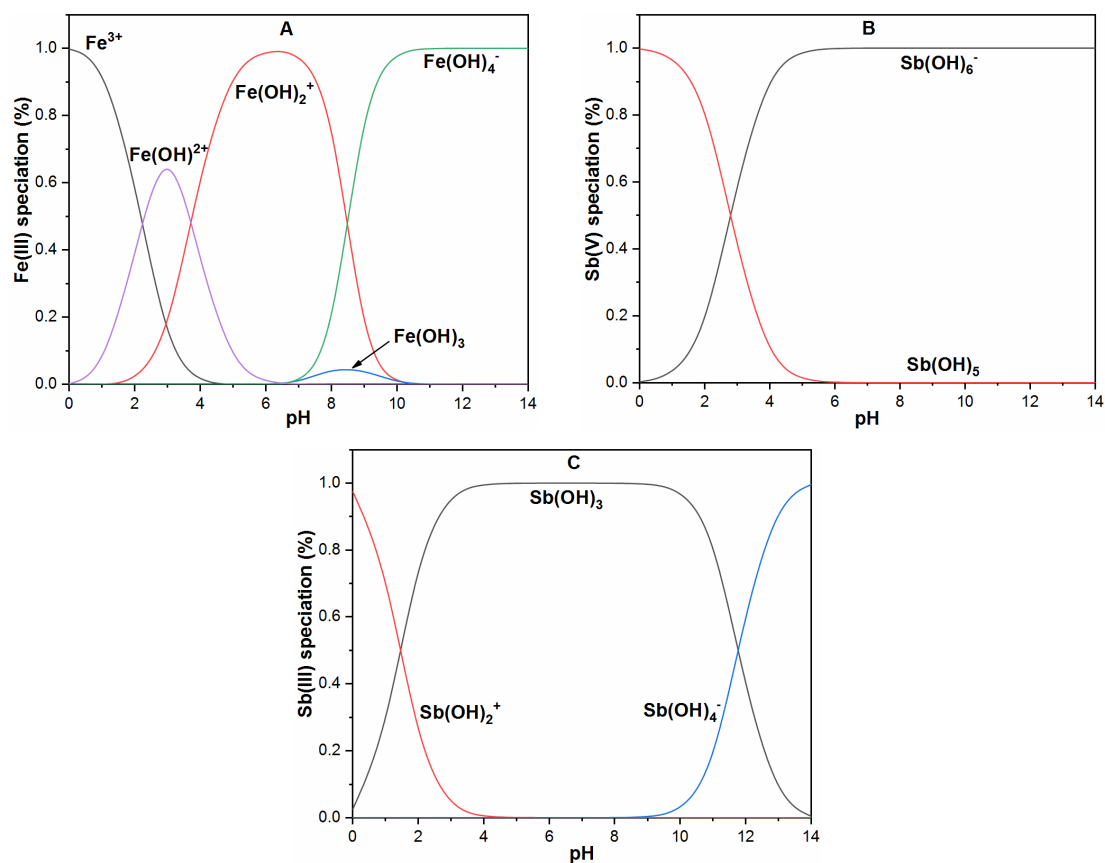


Figure S1. Speciation diagrams of (A) Fe(III); (B) Sb(V) and; (C) Sb(III) at 25 ± 1°C derived using Visual MINTEQ 3.1.

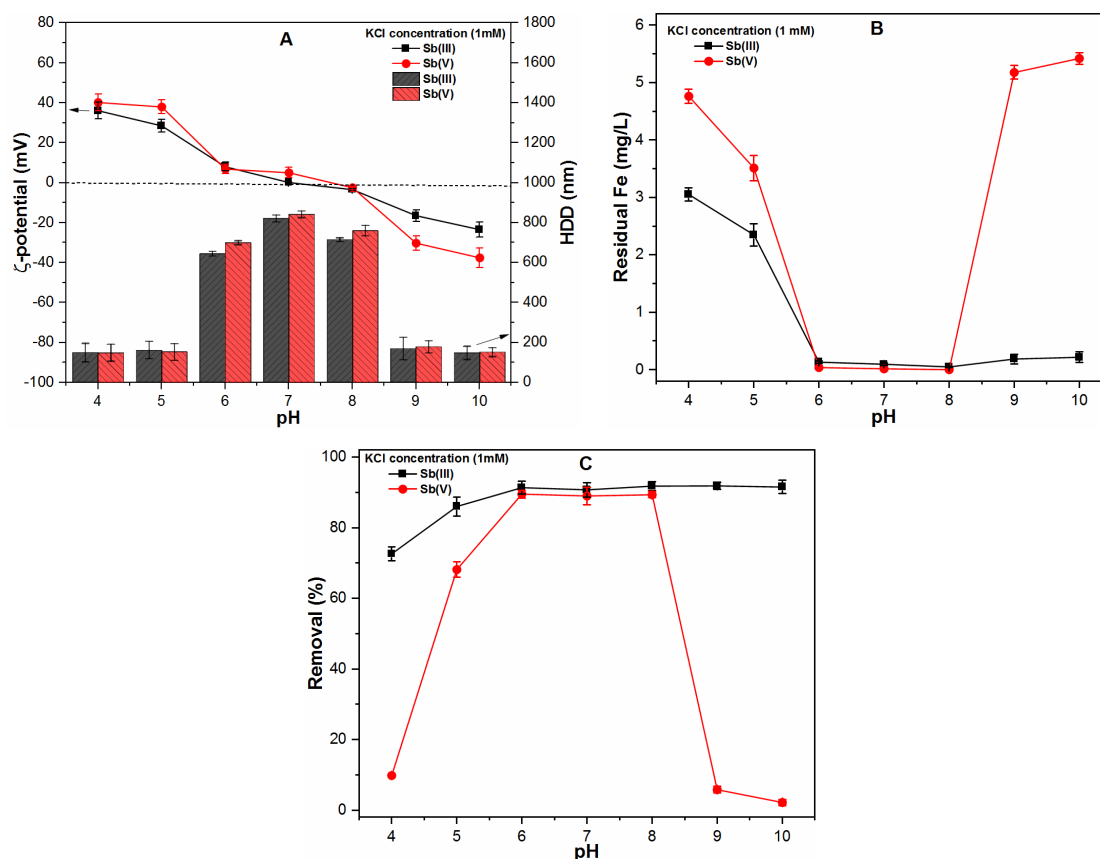


Figure S2. At various pH range (4-10), FC dose (0.1 mM), temperature ($25 \pm 1^\circ\text{C}$), KCl concentration (1 mM) and Sb(III, V) concentration (1 mg/L) showing (A) ζ -potential (mV) and HDD (nm) of precipitates; (B) Residual Fe (mg/L) and; (C) Removal (%) of both Sb species.

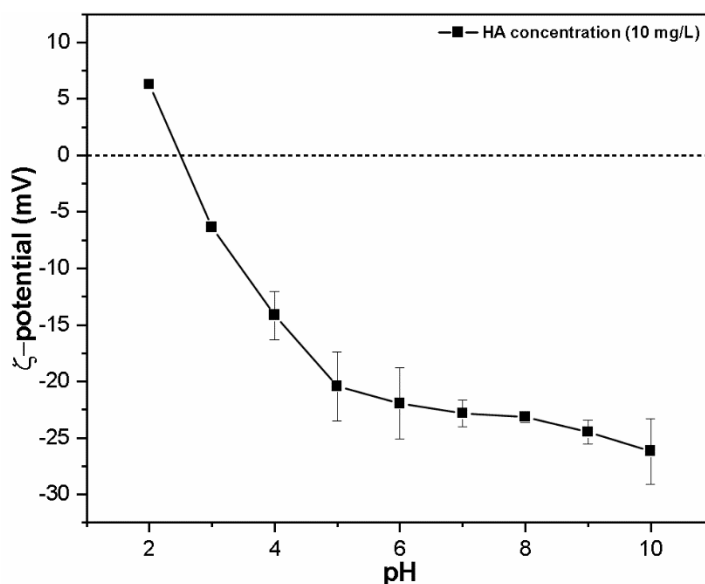


Figure S1. ζ -potential of humic acid (10 mg/L) under different pH (4-10).

